

ABSTRACT OF THE DISCLOSURE

The stop positions of start and end points for a slider are set by positionally adjusting a stopper and/or a stopper. The distance that the slider has traveled is learned according to a command from a control console in response to a manipulation of a learning manipulation element, and at least one of a speed and an acceleration is set by a speed regulator and an acceleration regulator. The control console outputs a drive signal to a motor based on at least one of the set speed in constant-speed movement of the slider and the set acceleration of accelerated movement of the slider and the learned distance that the slider has traveled, thereby moving the slider. For moving the slider to the start point or the end point, the control console controls the slider to move at a speed lower than the speed in constant-speed movement, and positions the slider at the start point or the end point.